

CLAIMS

1. A system for displaying an image captured by a sensor array, the system comprising:
  - 5        means for displaying an image corresponding to an output from a plurality of sensors within a first area of a sensor array; and
  - means for changing the image displayed by translating the first area.
- 10    2. A system as claimed in claim 1, wherein the means for displaying an image controls the sensor array to provide an output from only the plurality of sensors within the first area of the sensor array.
3. A system as claimed in claim 1, comprising a buffer for storing an output  
15       from all the sensors of the sensor array.
4. A system as claimed in claim 3, wherein the means for displaying an image receives the stored output from the buffer and processes the stored output to create an image corresponding to an output from the plurality of  
20       sensors within the first area of the sensor array.
5. A system as claimed in claim 1, comprising a memory for receiving and storing the output from the plurality of sensors within the first area of the sensor array.  
25
6. A system as claimed in claim 1, comprising a display for displaying the image corresponding to the output from the plurality of sensors within the first area of the sensor array.
- 30    7. A system as claimed in claim 1, comprising a user input device for controlling the translation of the first area within the sensor array.

8. A system as claimed in claim 7, wherein the user input device controls translation in a first direction and, independent translation in a second direction, substantially perpendicular to the first direction.

5 9. A system as claimed in any one of claims 7, wherein the user input device is additionally arranged to resize the first area.

10. A system as claimed in claim 9, wherein the user input device is arranged to simultaneously resize and translate the first area.

10

11. A system as claimed in claim 1, wherein the means for displaying an image comprises a processor.

12. A method for displaying an image, the method comprising:

15

displaying an image corresponding to an output from sensors within a first area of a sensor array; and

displaying a different image in response to a user input that is equivalent to translating the first area within the sensor array.

20

13. A system for displaying an image, the system comprising:

an input for receiving an image from a sensor comprising an  $N \times M$  array of light sensors; and

a processor for controlling a display to display an image comprising an  $n \times m$  array of pixels corresponding to an  $n \times m$  subset of the  $N \times M$  array of light

25

sensors, wherein the corresponding  $n \times m$  subset is changeable in response to a user input to vary the image for display.